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| (Install NEAR driver) AND wireless | 15 |

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☐ 1. Document ID: US 6895553 B2

L1: Entry 1 of 15

File: USPT

May 17, 2005

US-PAT-NO: 6895553

DOCUMENT-IDENTIFIER: US 6895553 B2

TITLE: System and method that facilitates off-site printing

DATE-ISSUED: May 17, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|----------|-------|----------|---------|
| Wiley; Steve R. | Boise | ID | | |
| Norris; Corey J. | Meridian | ID | | |

US-CL-CURRENT: 715/526; 715/523, 715/527

ABSTRACT:

The present disclosure relates to a system and method that facilitates off-site printing. In one arrangement, the system and method pertain to receiving printable data with a printing controller, forwarding the printable data to a proxy driver, receiving processed data from the proxy driver, and forwarding the processed data as a print job to a printing device.

10 Claims, 6 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 6

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|--------|

☐ 2. Document ID: US 6892299 B2

L1: Entry 2 of 15

File: USPT

May 10, 2005

US-PAT-NO: 6892299

DOCUMENT-IDENTIFIER: US 6892299 B2

TITLE: Information processor, information processing method, information processing system, control program, and storage medium

DATE-ISSUED: May 10, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------|----------|-------|----------|---------|
| Abe; Koichi | Kanagawa | | | JP |

US-CL-CURRENT: 713/2; 709/200, 710/10, 710/104, 710/15, 710/62, 710/8, 717/176, 717/178

ABSTRACT:

To allow an appropriate printer driver to be downloaded taking into consideration identification information for a printer, control information used to control a peripheral device is determined based on identification information for a terminal device and identification information for the peripheral device and the determined control information for controlling the peripheral device is transmitted to the terminal device.

20 Claims, 21 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 19

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | References | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|------|--------|

☐ 3. Document ID: US 6848046 B2

L1: Entry 3 of 15

File: USPT

Jan 25, 2005

US-PAT-NO: 6848046

DOCUMENT-IDENTIFIER: US 6848046 B2

TITLE: SMM loader and execution mechanism for component software for multiple architectures

DATE-ISSUED: January 25, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-------------|-------|----------|---------|
| Zimmer; Vincent J. | Federal Way | WA | | |

US-CL-CURRENT: 713/100; 710/18, 710/261, 710/266, 713/320

ABSTRACT:

A method and system that enables executable content in the form of one or more software drivers or firmware volumes to be loaded into the System Management Mode (SMM) of a microprocessor or the native mode of an Itanium-based processor. The mechanism allows for multiple drivers, possibly written by different parties, to be installed for these operations. An agent that registers event handlers provided by the drivers runs in the EFI boot-services mode and is composed of a CPU-specific component that binds the drivers and a platform component that abstracts chipset control of the xMI (PMI or SMI) signals corresponding to an event triggering condition. Accordingly, the functionality of the SMM mode of various processors and the native mode of Itanium processors can be extended through add-on drivers written by parties other than the OEM from the computer system or the BIOS vendor

for the system.

26 Claims, 9 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
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☐ 4. Document ID: US 6796495 B2

L1: Entry 4 of 15

File: USPT

Sep 28, 2004

US-PAT-NO: 6796495
DOCUMENT-IDENTIFIER: US 6796495 B2

TITLE: Seatback having removable interface for use in providing communication on-board a mobile platform

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-------------|-------|----------|---------|
| Stahl; Robert | Corona | CA | | |
| Poblete; Daniel D. | Lake Forest | CA | | |

US-CL-CURRENT: 235/380; 235/381, 235/382, 235/384

ABSTRACT:

An assembly for quickly and efficiently distributing PC cards while in-transit for accessing a system on-board a mobile platform to communicate therewith. The assembly may be included as part of a seatback and includes a portion for securely maintaining the PC card therein until payment is made using a credit card or similar payment card. The credit card is inserted within the assembly for processing and once approved, the PC card may be removed. The credit card is held and not returned until the PC card is replaced.

12 Claims, 6 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
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☐ 5. Document ID: US 6792452 B1

L1: Entry 5 of 15

File: USPT

Sep 14, 2004

US-PAT-NO: 6792452
DOCUMENT-IDENTIFIER: US 6792452 B1

TITLE: Method for configuring a piece of equipment with the use of an associated machine resolvable code

DATE-ISSUED: September 14, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|--------|-------|----------|---------|
| Philyaw; Jeffry Jovan | Dallas | TX | | |

US-CL-CURRENT: 709/217; 709/218

ABSTRACT:

An architecture for automatically configuring equipment interfaced to a computer. A computer which is in communication with a network, is provided having the piece of equipment interfaced to the computer and having associated therewith one or more machine-resolvable codes (MRCs). The computer connects to a remote location disposed on the network in response to a select one of the one or more MRCs being read with a reader. Configuration information associated with the select one of the one or more MRCs is then transmitted from the remote location to the computer. The piece of equipment is then configured via the computer according to the configuration information.

36 Claims, 45 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 20

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 6. Document ID: US 6775728 B2

L1: Entry 6 of 15

File: USPT

Aug 10, 2004

US-PAT-NO: 6775728

DOCUMENT-IDENTIFIER: US 6775728 B2

**** See image for Certificate of Correction ****

TITLE: Method and system for concurrent handler execution in an SMI and PMI-based dispatch-execution framework

DATE-ISSUED: August 10, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-------------|-------|----------|---------|
| Zimmer; Vincent J. | Federal Way | WA | | |
| Datta; Sham M. | Hillsboro | OR | | |

US-CL-CURRENT: 710/260; 710/261, 713/1, 713/2

ABSTRACT:

A method and system that enables concurrent event handler execution in a system

management interrupt (SMI) and processor management interrupt (PMI)-based dispatch-execution framework to service an SMI or PMI event. A plurality of event handlers are loaded into a hidden memory space that is accessible to a hidden execution mode supported by each of a plurality of processors in a multiprocessor computer system but is not accessible to other operating modes of those processors. The event handlers are then dispatched to two or more processors in response to the hidden execution mode event and concurrently executed to service the event. Various embodiments include use of a single event handler to service the event, multiple event handlers that perform different tasks, and multiple event handler instances that concurrently perform a single task. The invention also provides a resource locking mechanism to prevent resource access conflicts.

34 Claims, 17 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 16

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 7. Document ID: US 6760324 B1

L1: Entry 7 of 15

File: USPT

Jul 6, 2004

US-PAT-NO: 6760324

DOCUMENT-IDENTIFIER: US 6760324 B1

TITLE: Method, system, and computer program product for providing voice over the internet communication

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|---------------|-------|----------|---------|
| Scott; Mark | Ashburn | VA | | |
| Cheng; Anita | Ashburn | VA | | |
| Ho; Simon | Ashburn | VA | | |
| Irimescu; George | Etobicoke | | | CA |
| Voineag; Dorel | Toronto | | | CA |
| Wong; William | Richmond Hill | | | CA |
| Yao; Min | Falls Church | VA | | |
| Zadeh; Row J. | Anchorage | KY | | |

US-CL-CURRENT: 370/352; 370/401, 379/121.04

ABSTRACT:

A method, system, and computer program product that provides voice over the Internet communication. A Voice over the Internet (VoIP) system includes a gateway server that handles calls received from a public switched telephone network and a packet-switched network, a routing server, and a database server. Messages can be sent between the gateway server, routing server, and database server over the packet-switched network. A provisioning system is coupled to the database server. A management system is also coupled to the gateway server, routing server, database server, and management system over the packet-switched network. A network manager

automatically queries a client database to determine an update, and sends a message representative of the update to at least one of the gateway server, routing server, database server, and management system over the packet-switched network. A licensing server supports licensing of the VoIP system.

6 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 7

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|--------|------|--------|
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☒ 8. Document ID: US 6745255 B2

L1: Entry 8 of 15

File: USPT

Jun 1, 2004

US-PAT-NO: 6745255
DOCUMENT-IDENTIFIER: US 6745255 B2

TITLE: Small memory device with drivers on device

DATE-ISSUED: June 1, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|---------|-------|----------|---------|
| Yen; An-Yu | Hsinchu | | | TW |
| Wang; Tzong-Yu | Hsinchu | | | TW |
| Chuang; Fu-Chi | Hsinchu | | | TW |
| Chang; Chia-Ling | Hsinchu | | | TW |

US-CL-CURRENT: 710/13; 709/217, 710/10, 710/8, 719/321, 719/327

ABSTRACT:

The present invention provides a small memory device with drivers on device, which comprises a memory and a bluetooth transceiver module or a wireless transceiver module (e.g., IEEE 802.11b). In addition to common memory function, the memory can have a bluetooth drivervon device so that the bluetooth transceiver module can perform short-distance wireless transmission. The bluetooth transceiver module can thus transmit the data in the memory or receive information into the memory for storage. Besides, other common drivers can be inbuilt in the memory so that a computer system can automatically detect and install the drivers. The user needs not to take CD-ROM disks or floppy disks along with him for installation. The present invention provides a portable memory having the effects of short-distance wireless transmission, plug-and-play, and high portability.

6 Claims, 3 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|--------|------|--------|
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☐ 9. Document ID: US 6725260 B1

L1: Entry 9 of 15

File: USPT

Apr 20, 2004

US-PAT-NO: 6725260

DOCUMENT-IDENTIFIER: US 6725260 B1

TITLE: Method and apparatus for configuring configurable equipment with configuration information received from a remote location

DATE-ISSUED: April 20, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|--------|-------|----------|---------|
| Philyaw; Jeffry Jovan | Dallas | TX | | |

US-CL-CURRENT: 709/220; 710/10

ABSTRACT:

An architecture for automatically configuring equipment. A piece of equipment connected externally to a user PC has one or more machine-resolvable codes (MRCs) associated therewith. The piece of equipment receives configuration information from a remote location disposed on the network in response to reading a select one of the one or more MRCs with a reader. Configuration information associated with the select one of the one or more MRCs is transmitted from the remote location to the piece of equipment via the user PC, and the piece of equipment is then configured according to the configuration information.

36 Claims, 45 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 20

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Examiner's | Case History | Claims | Keyword | Draw. Desc. |
|------|-------|----------|-------|--------|----------------|------|-----------|------------|--------------|--------|---------|-------------|
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☐ 10. Document ID: US 6704864 B1

L1: Entry 10 of 15

File: USPT

Mar 9, 2004

US-PAT-NO: 6704864

DOCUMENT-IDENTIFIER: US 6704864 B1

TITLE: Automatic configuration of equipment software

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|--------|-------|----------|---------|
| Philyaw; Jeffry Jovan | Dallas | TX | | |

US-CL-CURRENT: 713/1; 713/100

ABSTRACT:

An architecture for automatically configuring software of a piece of equipment. The piece of equipment is in communication with a network, the piece of equipment having one or more machine-resolvable codes associated therewith. The piece of equipment connects to a remote location disposed on the network in response to reading a select one of the one or more machine-resolvable codes with a reader. Software associated with the select one of the one or more machine-resolvable codes is downloaded from the remote location to the piece of equipment, and the piece of equipment is then configured according to the software.

38 Claims, 45 Drawing figures
Exemplary Claim Number: 20
Number of Drawing Sheets: 20

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstracts | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|--------|------|--------|
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☐ 11. Document ID: US 6542173 B1

L1: Entry 11 of 15

File: USPT

Apr 1, 2003

US-PAT-NO: 6542173

DOCUMENT-IDENTIFIER: US 6542173 B1

TITLE: Systems, methods and graphical user interfaces for printing object optimized images based on document type

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Buckley; Robert R. | Rochester | NY | | |

US-CL-CURRENT: 715/841; 358/1.9, 715/513, 715/810

ABSTRACT:

Conventionally, the rendering parameter options are set independently of a document. Each object is rendered independently. For documents having many independent objects, this requires significant computational resources and time. However, many documents have a predominant document type. For such documents, it is often sufficient to identify the document type. Then, predetermined rendering techniques are applied to the objects within that document based on the determined document type. Alternatively, a user may be interested in one type of object to the exclusion of the other types of objects. Accordingly, optimally rendering objects whose quality the user is indifferent to wastes resources. Document type based rendering systems, methods and graphical user interfaces define rendering parameter options for rendering the objects of a document based on an identified document type, irrespective of the object types of that document's objects. The document type based rendering systems, methods and graphical user interfaces optionally determine a document's predominant object and apply rendering parameter options to that document's objects based on the determined predominant object type. The document type based rendering systems, methods and graphical user interfaces permit document optimized rendering parameter options to be defined. The document type

based rendering systems, methods and graphical user interfaces apply two or more sets of rendering parameter options to different types of objects of a document, based on a document type selected or determined for that document.

17 Claims, 5 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | Attachments | Claims | KMMC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-------------|--------|------|--------|
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☐ 12. Document ID: US 6539476 B1

L1: Entry 12 of 15

File: USPT

Mar 25, 2003

US-PAT-NO: 6539476

DOCUMENT-IDENTIFIER: US 6539476 B1

TITLE: Mobile computer system capable for copying set-up application including removal routine from peripheral device for removing device programs after the device is removed

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------------|-------|----------|---------|
| Marianetti; Ron | Morgan Hill | CA | | |
| Hawkins; Jeffrey C. | Redwood City | CA | | |

US-CL-CURRENT: 713/100; 710/10, 710/62

ABSTRACT:

A robust external interface for a computer system is disclosed. The robust external interface allows a user to insert or remove external peripherals to the external interface at any time such that the user does not need to carefully follow any scripted procedures. The external interface software detects insertions or removals and acts in an appropriate manner.

42 Claims, 14 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 13

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | Attachments | Claims | KMMC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-------------|--------|------|--------|
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☐ 13. Document ID: US 6115739 A

L1: Entry 13 of 15

File: USPT

Sep 5, 2000

US-PAT-NO: 6115739

DOCUMENT-IDENTIFIER: US 6115739 A

TITLE: Image scanner adapted for direct connection to client/server type network

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|----------|-------|----------|---------|
| Ogawa; Nobuo | Kawasaki | | | JP |
| Kanemitsu; Nobuo | Kawasaki | | | JP |

US-CL-CURRENT: 709/215; 358/1.15, 358/403, 358/407, 709/203

ABSTRACT:

A network system includes a) an image scanner which is connected to a network, reads an images, and includes an input device for inputting identification information on a user; and b) a file server connected to the image scanner over the network. The file server includes directories which are created in advance in one-to-one correspondence to users and in which image data read by the image scanner is stored, and a memory in which the relationships of correspondence between identification information on users and the directories associated with the users are stored. When image data is input from the image scanner, the file server stores the image data in a directory associated with identification information input from the image scanner. Due to this configuration, an image scanner usable when connected directly to a client/server type network such as a LAN can be provided. Supposing an image scanner connected to a network is used as a copier or facsimile, it is possible to obviate the necessity of mounting unwanted keys on the image scanner.

35 Claims, 11 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 10

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
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☐ 14. Document ID: US 5784549 A

L1: Entry 14 of 15

File: USPT

Jul 21, 1998

US-PAT-NO: 5784549

DOCUMENT-IDENTIFIER: US 5784549 A

TITLE: Reduced or fail-safe bootstrapping of a system having a graphical user interface

DATE-ISSUED: July 21, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|-------------|-------|----------|---------|
| Reynolds; Brian Alan | Redmond | WA | | |
| Santerre; Pierre-Yves | Bellevue | WA | | |
| Richman; Darryl S. | Bellevue | WA | | |
| Lipe; Ralph Allen | Woodinville | WA | | |

McKaughan; Robert Matthew

Redmond

WA

US-CL-CURRENT: 714/24; 714/48

ABSTRACT:

A method and system are disclosed for invoking a limited or "fail-safe" functionality from a computer system having a graphical user interface (GUI). In one aspect, a computer operating system having GUI functionality can be activated with two different sets of GUI features. Normally, the operating system provides a full complement of GUI features. Alternatively, the operating system provides a more limited set of GUI features. The operating system invokes the limited set of GUI features either in response to a user command, such as a keyboard function key pressed during the bootstrap loading sequence of the operating system, or automatically in response to a failure of an attempt by the computer system to load the normal complement of GUI functions. With the limited set of GUI features, the user of the computer can take advantage of the power of graphical user interfaces even when the computer system is not operating normally. For example, the user can run graphically based diagnostic and repair programs from the "fail-safe" mode. The invention finds application in stand-alone and networked computer systems and, in particular, in systems that store the bulk of the operating system software on a remote server accessible only by network.

12 Claims, 9 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 9

| Full | Title | Citation | Front | Review | Classification | Date | Reference | SEQUENCES | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
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☐ 15. Document ID: US 5627964 A

L1: Entry 15 of 15

File: USPT

May 6, 1997

US-PAT-NO: 5627964

DOCUMENT-IDENTIFIER: US 5627964 A

TITLE: Reduce or fail-safe bootstrapping of a system having a graphical user interface

DATE-ISSUED: May 6, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|-------------|-------|----------|---------|
| Reynolds; Brian A. | Redmond | WA | | |
| Santerre; Pierre-Yves | Bellevue | WA | | |
| Richman; Darryl S. | Bellevue | WA | | |
| Lipe; Ralph A. | Woodinville | WA | | |
| McKaughan; Robert M. | Redmond | WA | | |

US-CL-CURRENT: 714/46; 714/48

ABSTRACT:

A method and system are disclosed for invoking a limited or "fail-safe" functionality from a computer system having a graphical user interface (GUI). In one aspect, a computer operating system having GUI functionality can be activated with two different sets of GUI features. Normally, the operating system provides a full complement of GUI features. Alternatively, the operating system provides a more limited set of GUI features. The operating system invokes the limited set of GUI features either in response to a user command, such as a keyboard function key pressed during the bootstrap loading sequence of the operating system, or automatically in response to a failure of an attempt by the computer system to load the normal complement of GUI functions. With the limited set of GUI features, the user of the computer can take advantage of the power of graphical user interfaces even when the computer system is not operating normally. For example, the user can run graphically based diagnostic and repair programs from the "fail-safe" mode. The invention finds application in stand-alone and networked computer systems and, in particular, in systems that store the bulk of the operating system software on a remote server accessible only by network.

25 Claims, 9 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 9

| | | | | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Set Point | Alt Point | Claims | KWIC | Draw. D |
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| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |
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| Terms | Documents |
| (Install NEAR driver) AND wireless | 15 |

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